

[illegible]

EXE

Mod

EDT

ED

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EDED
EDED
EDED
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ED
EDSYN
LBA

110

```

LL                      IIIIII                      SSSSSSSSS
LL                      IIIIII                      SSSSSSSSS
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LL                      II                      SS
LLLLLLLLLLLL           IIIIII                      SSSSSSSSS
LLLLLLLLLLLL           IIIIII                      SSSSSSSSS

```



```
0001 0 %TITLE 'EDT$LTYPE - TYPE and null line-mode commands'
0002 0 MODULE EDT$LTYPE ( ! TYPE and null line-mode commands
0003 0 IDENT = 'V04-000' ! File: LTYPE.BLI Edit: SMB1015
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module executes the line mode TYPE and null commands.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: February 3, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 30-JAN-1981. This module was created by
0045 1 extracting the routines EDT$$TY_CMD and NULL_COM from the
0046 1 module EXEC.BLI.
0047 1 1-002 - Regularize headers. JBS 20-Mar-1981
0048 1 1-003 - Change NULL_COM to EDT$$NULL_CMD. JBS 30-Mar-1981
0049 1 1-005 - Switch back to first buffer if /STAY. STS 21-Apr-1982
0050 1 1-006 - Add a check for CNTRL/C. SMB 19-May-1982
0051 1 1-007 - Set a flag if control C actually aborts something. JBS 25-May-1982
0052 1 1-008 - Stop working message before printing to screen. SMB 22-Jun-1982
0053 1 1-009 - Stop processing on bad select range. SMB 01-Jul-1982
0054 1 1-010 - Undo yesterday's fix because we want to print current line. SMB 02-Jul-1982
0055 1 1-011 - Don't fool with the formatting routine. JBS 05-Jul-1982
0056 1 1-012 - Make the call to EDT$$RNG NUMCN in line. STS 22-Sep-1982
0057 1 1-013 - Correct a typo in edit 1-012. JBS 30-Sep-1982
```


EDT\$LTTYPE
V04-000

EDT\$LTTYPE - TYPE and null line-mode commands

D 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTTYPE.BLI;1

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: 58
: 59
: 60
: 61

0058 1 ! 1-014 - Put code for edt\$\$rng retfrst in line. STS 11-Oct-1982
0059 1 ! 1-015 - Remove setting of G_TXT_ONSCR. SMB 14-Dec-1982
0060 1 !--
0061 1

EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
Declarations

E 16
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```
: 63      0062 1 %SBTTL 'Declarations'
: 64      0063 1
: 65      0064 1 : TABLE OF CONTENTS:
: 66      0065 1 :
: 67      0066 1
: 68      0067 1 REQUIRE 'EDTSRC:TRAROUNAM';
: 69      0506 1
: 70      0507 1 FORWARD ROUTINE
: 71      0508 1     EDT$TY_CMD : NOVALUE,
: 72      0509 1     EDT$NUCL_CMD : NOVALUE;
: 73      0510 1
: 74      0511 1 :
: 75      0512 1 : INCLUDE FILES:
: 76      0513 1 :
: 77      0514 1
: 78      0515 1 REQUIRE 'EDTSRC:EDTREQ';
: 79      0650 1
: 80      0651 1 :
: 81      0652 1 : MACROS:
: 82      0653 1 :
: 83      0654 1 :     NONE
: 84      0655 1 :
: 85      0656 1 : EQUATED SYMBOLS:
: 86      0657 1 :
: 87      0658 1 :     NONE
: 88      0659 1 :
: 89      0660 1 : OWN STORAGE:
: 90      0661 1 :
: 91      0662 1 :     NONE
: 92      0663 1 :
: 93      0664 1 : EXTERNAL REFERENCES:
: 94      0665 1 :
: 95      0666 1 :     In the routines
```

```
: Process the TYPE command
: Process the null command
```


EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
EDT\$TY_CMD - TYPE line-mode command

F 16
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VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

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```

: 97 0667 1 %SBTTL 'EDT$TY_CMD - TYPE line-mode command'
: 98 0668 1
: 99 0669 1 GLOBAL ROUTINE EDT$TY_CMD ! TYPE line-mode command
100 0670 1 : NOVALUE =
101 0671 1
102 0672 1 ++
103 0673 1 FUNCTIONAL DESCRIPTION:
104 0674 1
105 0675 1 Command processing routine for the TYPE command. Position to
106 0676 1 the first line of the range, then loop through the range
107 0677 1 displaying each line. If the /STAY qualifier was used,
108 0678 1 then reposition to the position at the start of the command,
109 0679 1 otherwise, reposition to the first line typed.
110 0680 1
111 0681 1 FORMAL PARAMETERS:
112 0682 1
113 0683 1 NONE
114 0684 1
115 0685 1 IMPLICIT INPUTS:
116 0686 1
117 0687 1 EDT$A_CUR_BUF
118 0688 1 EDT$Z_RNG_ORIGPOS
119 0689 1 EDT$A_EXE_CURCMD
120 0690 1 EDT$G_EXE_SBITS
121 0691 1 EDT$G_RNG_NOOFLN
122 0692 1
123 0693 1 IMPLICIT OUTPUTS:
124 0694 1
125 0695 1 EDT$A_CUR_BUF
126 0696 1 EDT$G_CC_DONE
127 0697 1
128 0698 1 ROUTINE VALUE:
129 0699 1
130 0700 1 NONE
131 0701 1
132 0702 1 SIDE EFFECTS:
133 0703 1
134 0704 1 NONE
135 0705 1
136 0706 1 --
137 0707 1
138 0708 2 BEGIN
139 0709 2
140 0710 2 EXTERNAL ROUTINE
141 0711 2 EDT$STOP_WKINGMSG, ! Stop the working message
142 0712 2 EDT$CHK_CC, ! Check for CONTROL C typed
143 0713 2 EDT$NXT_LNRNG,
144 0714 2 EDT$RNG_REPOS,
145 0715 2 EDT$RD_CURLN,
146 0716 2 EDT$TY_CURLN;
147 0717 2
148 0718 2 EXTERNAL
149 0719 2 EDT$G_EXT_MOD, ! 1 = we are under the EXT command
150 0720 2 EDT$G_RNG_FRSTLN,
151 0721 2 EDT$A_CUR_BUF : REF TBCB_BLOCK,
152 0722 2 EDT$Z_RNG_ORIGPOS : POS_BLOCK,
153 0723 2 EDT$A_EXE_CURCMD : REF NODE_BLOCK, ! Pointer to the current command.
```


EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
EDT\$TY_CMD - TYPE line-mode command

G 16
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```

: 154      0724      2      EDT$Z_RNG_SAVPOS : POS_BLOCK,
: 155      0725      2      EDT$G_EXE_SBITS,
: 156      0726      2      EDT$G_CC_DONE,
: 157      0727      2      EDT$G_RNG_NOOFLN;
: 158      0728
: 159      0729      2      LOCAL
: 160      0730      2      SAV_BUF,
: 161      0731      2      STATUS;
: 162      0732
: 163      0733      2      SAV_BUF = .EDT$A_CUR_BUF;
: 164      0734      2      EDT$G_RNG_FRSTLN = 1;
: 165      0735      2      EDT$CPY_MEM (POS_SIZE, .EDT$A_CUR_BUF, EDT$Z_RNG_ORIGPOS);
: 166      0736      2      EDT$RNG_REPOS (.EDT$A_EXE_CURCMD [RANGE1]);
: 167      0737      2      STATUS = 1;
: 168      0738
: 169      0739      2      ! Turn off the "working" message if it might be on, since the type
: 170      0740      2      command doesn't want competition with a flashing message.
: 171      0741      2      !
: 172      0742      2
: 173      0743      2      IF (.EDT$G_EXT_MOD) THEN EDT$STOP_WKINGMSG ();
: 174      0744      2
: 175      0745      2      WHILE .STATUS DO
: 176      0746      2      BEGIN
: 177      0747      2      STATUS = EDT$NXT_LNRNG (0);
: 178      0748      2
: 179      0749      2      IF .STATUS
: 180      0750      3      THEN
: 181      0751      4      BEGIN
: 182      0752      4      STATUS = ( NOT EDT$CHK_CC ());
: 183      0753      4
: 184      0754      4      IF .STATUS THEN EDT$TY_CURLN () ELSE EDT$G_CC_DONE = 1;
: 185      0755      4
: 186      0756      3      END;
: 187      0757      3
: 188      0758      2      END;
: 189      0759      2
: 190      0760      2      IF (.EDT$G_RNG_NOOFLN EQL 0) THEN EDT$TY_CURLN ();
: 191      0761      2
: 192      0762      2      IF ( NOT .EDT$G_EXE_SBITS<OPB_STAY>)
: 193      0763      2      THEN
: 194      0764      3      BEGIN
: 195      0765      3      EDT$CPY_MEM (POS_SIZE, EDT$Z_RNG_SAVPOS, .EDT$A_CUR_BUF);
: 196      0766      3      EDT$RD_CURLN ();
: 197      0767      3      END
: 198      0768      2      ELSE
: 199      0769      3      BEGIN
: 200      0770      3      EDT$A_CUR_BUF = .SAV_BUF;
: 201      0771      3      EDT$CPY_MEM (POS_SIZE, EDT$Z_RNG_ORIGPOS, .EDT$A_CUR_BUF);
: 202      0772      3      EDT$RD_CURLN ();
: 203      0773      2      END;
: 204      0774      2
: 205      0775      1      END;

```

! of routine EDT\$TY_CMD

.TITLE EDT\$TYPE EDT\$TYPE - TYPE and null line-mode c
ommands

.IDENT \V04-000\

			03FC 00000	.EXTRN	EDT\$\$STOP_WKINGMSG	
				.EXTRN	EDT\$\$CHK_CC, EDT\$\$NXT_LNRNG	
				.EXTRN	EDT\$\$RNG_REPOS, EDT\$\$RD_CURLN	
				.EXTRN	EDT\$\$TY_CURLN, EDT\$\$G_EXT_MOD	
				.EXTRN	EDT\$\$G_RNG_FRSTLN	
				.EXTRN	EDT\$\$A_CUR_BUF, EDT\$\$Z_RNG_ORIGPOS	
				.EXTRN	EDT\$\$A_EXE_CURCMD	
				.EXTRN	EDT\$\$Z_RNG_SAVPOS	
				.EXTRN	EDT\$\$G_EXE_SBITS	
				.EXTRN	EDT\$\$G_CC_DONE, EDT\$\$G_RNG_NOOFLN	
				.PSECT	_EDT\$CODE, NOWRT, SHR, PIC, 2	
				.ENTRY	EDT\$TY_CMD, Save R2,R3,R4,R5,R6,R7,R8,R9	: 0669
				MOVAB	EDT\$TY_CURLN, R9	
				MOVAB	EDT\$\$Z_RNG_ORIGPOS, R8	
				MOVAB	EDT\$\$A_CUR_BUF, R7	
				MOVL	EDT\$\$A_CUR_BUF, R0	: 0733
				MOVL	R0, SAV_BUF	
				MOVL	#1, EDT\$\$G_RNG_FRSTLN	: 0734
				MOVC3	#14, (R0), EDT\$\$Z_RNG_ORIGPOS	: 0735
				MOVL	EDT\$\$A_EXE_CURCMD, R0	: 0736
				PUSHL	4(R0)	
				CALLS	#1, EDT\$\$RNG_REPOS	
				MOVL	#1, STATUS	: 0737
				BLBC	EDT\$\$G_EXT_MOD, 1\$	: 0743
				CALLS	#0, EDT\$\$STOP_WKINGMSG	
				BLBC	STATUS, 3\$	: 0745
				CLRL	-(SP)	: 0747
				CALLS	#1, EDT\$\$NXT_LNRNG	
				MOVL	R0, STATUS	
				BLBC	STATUS, 3\$	: 0749
				CALLS	#0, EDT\$\$CHK_CC	: 0752
				MCOML	R0, STATUS	
				BLBC	STATUS, 2\$	: 0754
				CALLS	#0, EDT\$TY_CURLN	
				BRB	1\$	
				MOVL	#1, EDT\$\$G_CC_DONE	
				BRB	1\$	: 0749
				TSTL	EDT\$\$G_RNG_NOOFLN	: 0760
				BNEQ	4\$	
				CALLS	#0, EDT\$TY_CURLN	
				TSTB	EDT\$\$G_EXE_SBITS	: 0762
				BLSS	5\$	
				MOVL	EDT\$\$A_CUR_BUF, R0	: 0765
				MOVC3	#14, EDT\$\$Z_RNG_SAVPOS, (R0)	
				BRB	6\$	: 0766
				MOVL	SAV_BUF, EDT\$\$A_CUR_BUF	: 0770
				MOVL	EDT\$\$A_CUR_BUF, R0	: 0771
				MOVC3	#14, EDT\$\$Z_RNG_ORIGPOS, (R0)	
				CALLS	#0, EDT\$\$RD_CURLN	: 0772
				RET		: 0775

; Routine Size: 169 bytes. Routine Base: _EDT\$CODE + 0000

EDTSLTYPE
V04-000

EDTSLTYPE - TYPE and null line-mode commands
EDTSLTY_CMD - TYPE line-mode command

: 206

0776 1

I 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

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DISK\$VMMASTER:[EDT.SRC]LTYPE.BLI;1 Page 7
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EDT\$TYPE
V04-000

EDT\$TYPE - TYPE and null line-mode commands
EDT\$\$NULL_CMD - null line-mode command

J 16
16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

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DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

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```

208 0777 1 %SBTTL 'EDT$$NULL_CMD - null line-mode command'
209 0778 1
210 0779 1 GLOBAL ROUTINE EDT$$NULL_CMD ! Null line-mode command
211 0780 1 : NOVALUE =
212 0781 1
213 0782 1 !++
214 0783 1 FUNCTIONAL DESCRIPTION:
215 0784 1
216 0785 1 Command processing routine for the null command. If the range is '.'
217 0786 1 then move one line forward and display it. Otherwise, process it as
218 0787 1 a TYPE comand.
219 0788 1
220 0789 1 FORMAL PARAMETERS:
221 0790 1
222 0791 1 NONE
223 0792 1
224 0793 1 IMPLICIT INPUTS:
225 0794 1
226 0795 1 EDT$$A_EXE_CURCMD
227 0796 1
228 0797 1 IMPLICIT OUTPUTS:
229 0798 1
230 0799 1 NONE
231 0800 1
232 0801 1 ROUTINE VALUE:
233 0802 1
234 0803 1 NONE
235 0804 1
236 0805 1 SIDE EFFECTS:
237 0806 1
238 0807 1 NONE
239 0808 1
240 0809 1 !--
241 0810 1
242 0811 2 BEGIN
243 0812 2
244 0813 2 EXTERNAL ROUTINE
245 0814 2 EDT$$RD_NXTLN,
246 0815 2 EDT$$TY_CURLN;
247 0816 2
248 0817 2 EXTERNAL
249 0818 2 EDT$$A_EXE_CURCMD : REF NODE_BLOCK; ! Pointer to the current command.
250 0819 2
251 0820 2 BIND
252 0821 2 RANGE = .EDT$$A_EXE_CURCMD [RANGE1] : NODE_BLOCK;
253 0822 2
254 0823 3 IF (.RANGE [RAN_TYPE] EQL RAN_NULL)
255 0824 3 THEN
256 0825 3 BEGIN
257 0826 3 EDT$$RD_NXTLN ();
258 0827 3 EDT$$TY_CURLN ();
259 0828 3 END
260 0829 3 ELSE
261 0830 3 EDT$$TY_CMD ();
262 0831 3
263 0832 1 END; ! of routine EDT$$NULL_CMD
```


EDT\$TYPE - TYPE and null line-mode commands
EDT\$\$NULL_CMD - null line-mode command

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16-Sep-1984 01:03:05
14-Sep-1984 12:23:45

VAX-11 Bliss-32 V4.0-742 Page 9
DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1 (4)

				.EXTRN	EDT\$\$RD_NXTLN		
		0000	00000	.ENTRY	EDT\$\$NULL_CMD, Save nothing	:	0779
50	00000000G	00	D0 00002	MOVL	EDT\$\$A_EXE_CURCMD, R0	:	0821
50	04	A0	D0 00009	MOVL	4(R0), -R0	:	
	01	A0	95 0000D	TSTB	1(R0)	:	0823
		OF	12 00010	BNEQ	1\$	:	
00000000G	00	00	FB 00012	CALLS	#0, EDT\$\$RD_NXTLN	:	0826
00000000G	00	00	FB 00019	CALLS	#0, EDT\$\$TY_CURLN	:	0827
			04 00020	RET		:	
FF31	CF	00	FB 00021 1\$:	CALLS	#0, EDT\$\$TY_CMD	:	0830
			04 00026	RET		:	0832

```
; Routine Size: 39 bytes,    Routine Base: _EDT$CODE + 00A9
```

```

: 264      0833 1
: 265      0834 1 !<BLF/PAGE>

```


EDT\$LTYPE
V04-000

EDT\$LTYPE - TYPE and null line-mode commands
EDT\$\$NULL_CMD - null line-mode command

L 16
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DISK\$VMSMASTER:[EDT.SRC]LTYPE.BLI;1

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: 267
: 268
: 269

0835 1 END
0836 1
0837 0 ELUDOM

! of module EDT\$LTYPE

:

:

:

:

PSECT SUMMARY

Name
Bytes
Attributes

_EDT\$CODE
208 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

:

:

:

:

Library Statistics

File

Symbols

Pages
Processing
Time

Total
Loaded
Percent
Mapped
Time

\$255\$DUA28:[EDT.SRC]EDT.L32;1
377
84
22
40
00:00.2

\$255\$DUA28:[EDT.SRC]PSECTS.L32;1
2
1
50
7
00:00.1

:

:

:

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:LTYPE/OBJ=OBJ\$:LTYPE MSRC\$:LTYPE.BLI/UPDATE=(ENH\$:LTYPE)

: Size: 208 code + 0 data bytes

: Run Time: 00:14.3

: Elapsed Time: 00:16.9

: Lines/CPU Min: 3504

: Lexemes/CPU-Min: 10325

: Memory Used: 96 pages

: Compilation Complete

0136

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